

WHAT IS CLAIMED IS:

1. A pharmacological composition comprising:

 - (A) at least one biologically-active agent; and
 - (B) at least one carrier compound having the formula

$$2\text{-HO-Ar-CONR}^8\text{-R}^7\text{-COOH}$$

wherein Ar is a substituted or unsubstituted phenyl or naphthyl;

R^7 is selected from the group consisting of C_4 to C_{20} alkyl, C_4 to C_{20} alkenyl, phenyl, naphthyl, (C_1 to C_{10} alkyl) phenyl, (C_1 to C_{10} alkenyl) phenyl, (C_1 to C_{10} alkyl) naphthyl, (C_1 to C_{10} alkenyl) naphthyl, phenyl (C_1 to C_{10} alkyl), phenyl (C_1 to C_{10} alkenyl), naphthyl (C_1 to C_{10} alkyl), and naphthyl (C_1 to C_{10} alkenyl);

R^8 is selected from the group consisting of hydrogen, C_1 to C_4 alkyl, C_1 to C_4 alkenyl, C_1 to C_4 alkenyl, hydroxy, and C_1 to C_4 alkoxy;

R^8 is optionally substituted with C_1 to C_4 alkyl, C_1 to C_4 alkenyl, C_1 to C_4 alkoxy, -OH, -SH and $-CO_2R^9$ or any combination thereof;

R^9 is hydrogen, C_1 to C_4 alkyl or C_1 to C_4 alkenyl;

R⁷ is optionally interrupted by oxygen, nitrogen, sulfur or any combination thereof;

with the proviso that the compounds are not substituted with an amino group in the position alpha to the acid group;
or salts thereof.

- 1 2. The composition according to claim 1, wherein said biologically-active
2 agent comprises at least one peptide, mucopolysaccharide, carbohydrate, or lipid.

- 1 3. The composition according to claim 2, wherein said biologically active
2 agent is selected from the group consisting of human growth hormone, bovine growth
3 hormone, growth hormone-releasing hormone, an interferon, interleukin-ll, insulin,

4 heparin, calcitonin, erythropoietin, atrial natriuretic factor, an antigen, a monoclonal
5 antibody, somatostatin, adrenocorticotropin, gonadotropin releasing hormone,
6 oxytocin, vasopressin, cromolyn sodium, vancomycin, parathyroid hormone,
7 desferrioxamine (DFO), or any combination thereof.

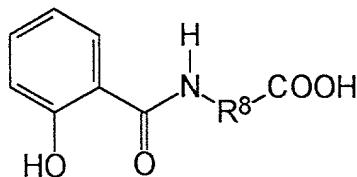
1 4. The composition according to claim 2, wherein said biologically-active
2 agent comprises an interferon, interleukin-II, insulin, heparin, calcitonin, oxytocin,
3 vasopressin, vancomycin, DFSO and combinations thereof.

1 5. The composition according to claim 4, wherein said biologically-active
2 agent comprises calcitonin.

1 6. The composition according to claim 1, wherein R⁶ is selected from the
2 group consisting of C₄ to C₂₀ alkyl and C₄ to C₂₀ alkenyl.

1 7. The composition according to claim 1, wherein R⁶ is selected from the
2 group consisting of C₅ to C₂₀ alkyl and C₅ to C₂₀ alkenyl.

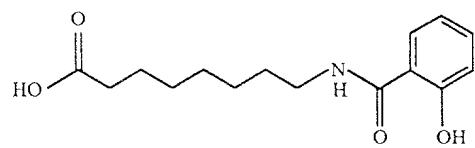
1 8. The composition according to claim 1 wherein the carrier has the formula



3 or salts thereof.

1 9. The composition according to claim 1 wherein said carrier is a compound
2 selected from the group consisting of

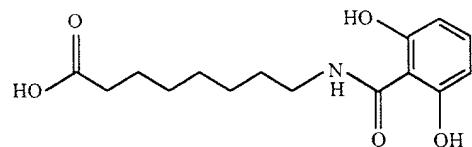
53



3

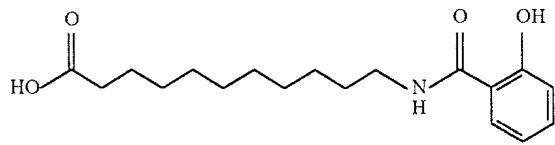
XIX

4



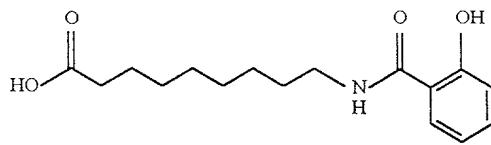
XXII

5



XXXVII

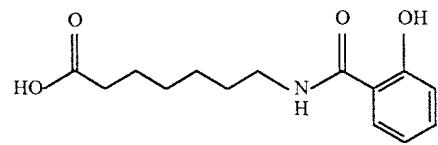
6



7

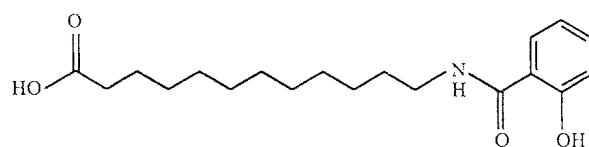
XXXVIII

8

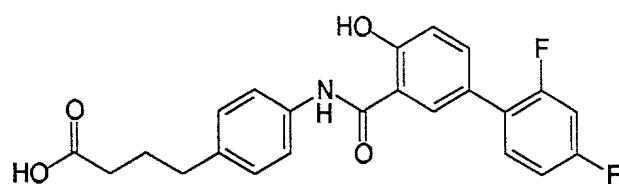
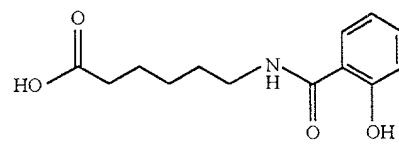
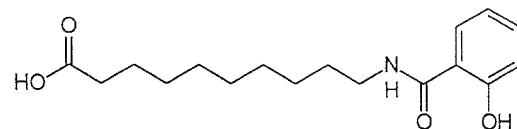


XXIX

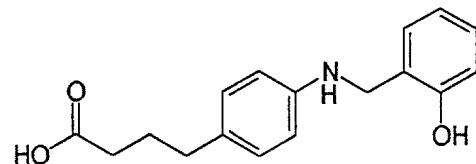
54



XXX

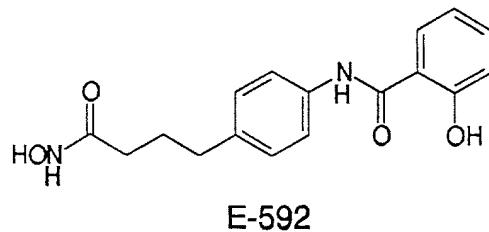


E-534



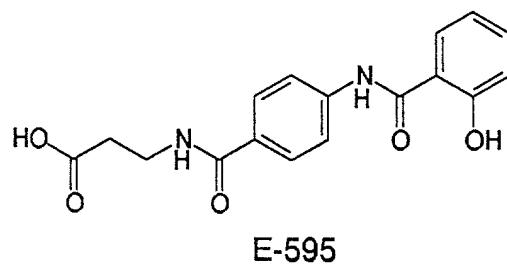
E-463

14



CVI

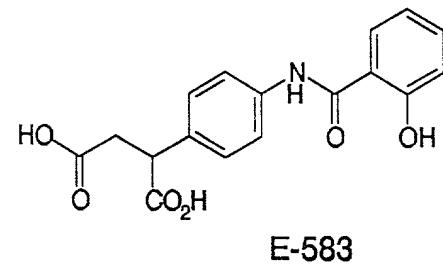
16



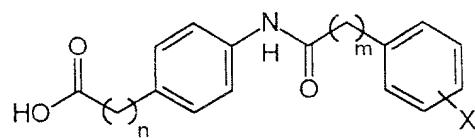
CVII

17 or salts thereof.

1 10. The composition according to claim 1 wherein the carrier is a compound
2 selected from the group consisting of



CX

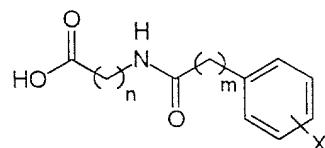


4

	Compound	n	m	X
5	LII	1	0	2-OH
6	LIII	3	0	2,6-dihydroxy
7	LIV	2	0	2-OH
8	LV	2	0	2,6-dihydroxy

or salts thereof.

11. The composition according to claim 1 wherein the carrier is a compound
selected from the group consisting of

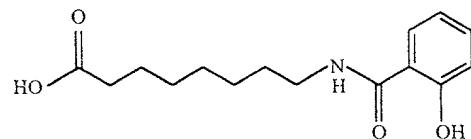


4

	Compound	n	m	X
5	CXI	6	0	2-OH
6	CXIX	9	0	2-OH

7 or salts thereof.

12. The composition according to claim 1, wherein said carrier has the
2 formula

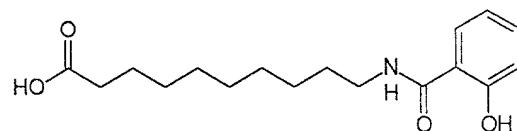


XIX

3

4 or salts thereof.

1 13. The composition according to claim 1, wherein said The composition
2 according to claim 1 wherein the carrier has the formula



XXXI

4 or salts thereof.

1 14. A dosage unit form comprising

- 2 (A) a pharmacological composition according to claim 1; and
3 (B) (a) an excipient,
4 (b) a diluent,
5 (c) a disintegrant,
6 (d) a lubricant,
7 (e) a plasticizer,
8 (f) a colorant,
9 (g) a dosing vehicle, or
10 (h) any combination thereof.

1 15. A dosage unit form according to claim 14, comprising a tablet, a capsule,
2 or a liquid.

1 16. A dosage unit form according to claim 15, wherein said dosing vehicle
2 is selected from the group consisting of water, 1,2-propane diol, ethanol or any
3 combination thereof.

1 17. A method for administering a biologically-active agent to a mammal in
2 need of said agent, said method comprising administering orally to said mammal a
3 composition as defined in claim 1.

1 18. A method for preparing a pharmacological composition, said method
2 comprising mixing:

- 3 (A) at least one biologically-active agent;
- 4 (B) at least one carrier compound according to claim 1; and
- 5 (C) optionally a dosing vehicle.

1 19. A method for administering a biologically-active agent to a animal in need
2 of said agent, said method comprising administering orally to said mammal a
3 composition as defined in claim 1.